

西藏羽蘚科一新种

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A NEW SPECIES OF THE THUIDIACEAE FROM XIZANG (Tibet)

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皱叶麻羽蘚 新种 图1

植物体纤细柔软，密集交织丛生，上部黄绿色，褐绿色，下部褐色。茎匍匐，常弓形弯曲，平滑，不规则1—2回羽状分枝；枝密，干时常弯曲。无鳞毛。叶干时易皱缩，潮湿时伸展；茎叶长卵圆形或阔卵圆形，上部渐狭成长披针形，边全缘，仅先端具不明显细齿；中肋单一，粗壮，光滑，终止于叶尖部；叶片细胞长圆状方形，多边形，菱形，壁薄，中部细胞多数具前角突；枝叶与茎叶同形，仅较小，短渐尖。雌雄异株。雌苞叶披针形，透明；细胞狭长方形，狭菱形，平滑。蒴柄长1.6—2.0厘米，纤细，淡红褐色，平滑。孢蒴平列或倾立，不对称，长椭圆柱形。蒴齿层完全发育；齿片长披针形，具横纹，横隔，淡黄褐色；内齿层黄色，基膜高；齿条长披针形，中缝具穿孔，具不整齐的疣状突起；齿毛2条。

西藏：定结县，海拔2800米，常绿阔叶林下，1975年6月11日，陈书坤2064 (b)。

[模式标本存昆明植物研究所标本室 (HKAS)]

本种与 *Claopodium gracillimum* (Card. et Thér.) Nog. 相近，但叶中部细胞多数具前角突；叶干时易皱缩；茎叶先端为狭长披针形，边全缘，仅先端具不明显细齿，易于区别。

Claopodium rugulosifolium S. Y. Zeng, sp. nov.

Planta gracilis mollis, dense intricata, caespitosa, superne flavo-viridis vel fusco-viridis, inferne fusca. Caulis repens, saepe arcuatus anfractus, laevis, irregularis 1-2-pinnatus ramosus constituens; ramis densis, in siccitate saepe anfractis, haud paraphyllis. Folia in sicco facile rugosa, in

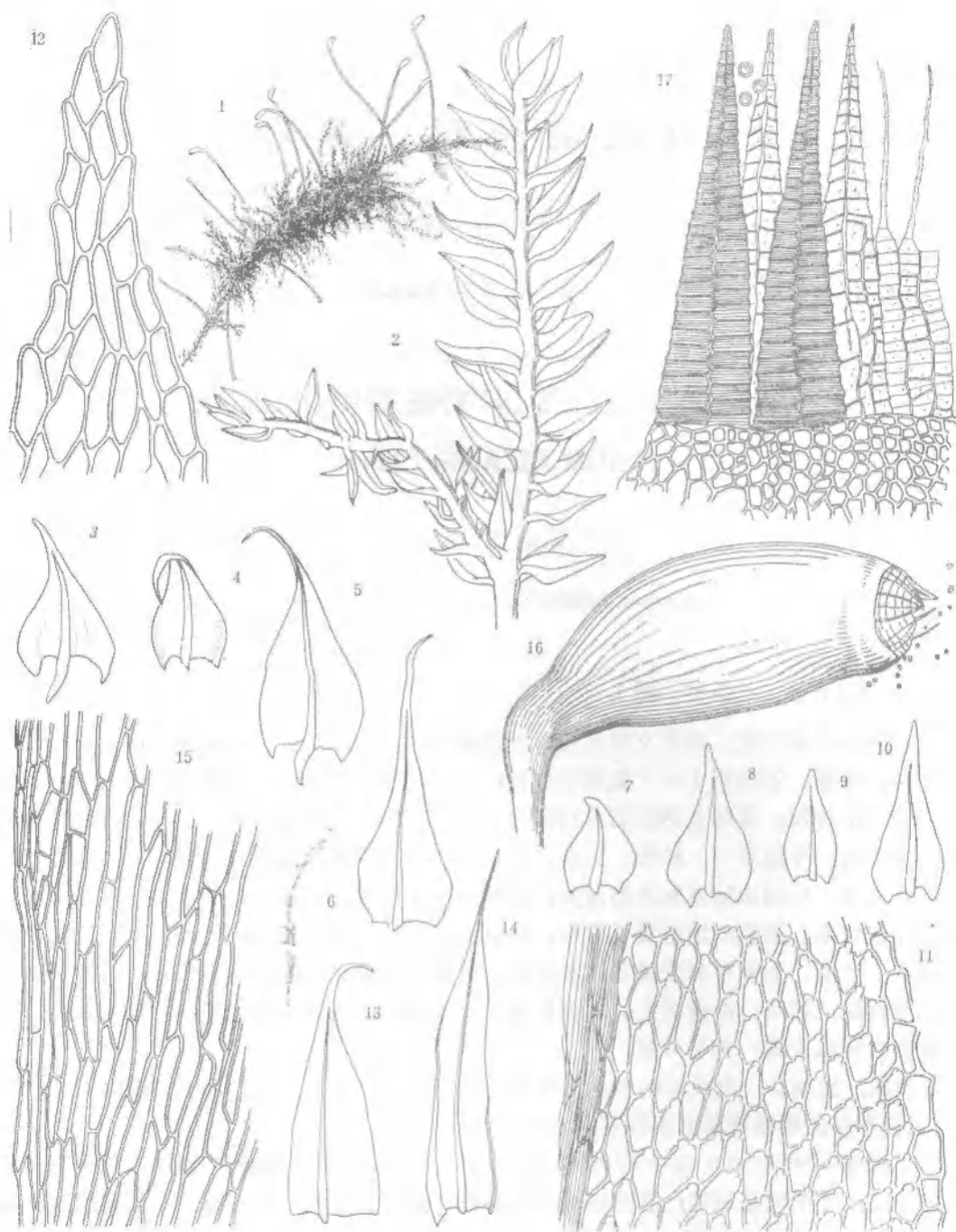


图1 皱叶麻羽蕨 *Claopodium ruguloifolium* S.Y. Zeng

1. 植物体 ($\times 1$) ; 2. 植物体的一部分 ($\times 30$) ; 3—6. 茎叶 ($\times 46$) ;
 7—10. 枝叶 ($\times 46$) ; 11. 枝叶中部细胞 ($\times 580$) ; 12. 枝叶叶尖细胞 ($\times 580$)
 13—14. 雌苞叶 ($\times 28$) ; 15. 雌苞叶细胞 ($\times 345$) ; 16. 孢蒴 ($\times 28$) ;
 17. 蒴齿 ($\times 145$). (吴锡麟绘)

uvido patentia. Folia caulina e basi contracta, longe ovata vel late ovata, superne anguste lanceolata, marginibus integris, superne inconspicuis denticulatis; costa simplice, robusta, laevi, infra apicemfolii evanida; cellulis oblongo-quadratis, polyangulatis, rhombicis, parietibus tenuibus, cellulis mediis foliorum apicalibus papillatis. Folia ramorum foliis caulinis similia sed minora, breviter acuminata. Dioecia. Bracteae perichaetiorum lanceolatae, hyalinae; cellulis anguste rectangularibus, anguste rhombicis, laevibus. Seta ca. 1.6-2.0 cm longa, tenuis, rufo-fusca, laevis. Theca horizontalis vel erecto-patens, asymmetrica, longe ellipsoidalis, peristomatium intacte effectum. Exostomii dentes longe lanceolati, dense striolati, trabeculati. Endostomium luteum; membrana basalis elata; segmentis longe lanceolatis, perforatis, irregulariter papillatis; ciliis 2.

Species nova affinis *Claopodio gracillimo* (Card. et Thér) Nog., sed cellulis medianis foliorum apicalibus papillatis, foliis in sicco facile rugosis, foliis caulinis apicibus anguste lanceolatis, marginibus integris, tantum apicibus inconspicuis denticulatis differt.

Xizang, Dinggye County, alt. 2800 m, in the evergreen broad-leaved forest, 11. VI. 1975, Chen Shu-kun 2064 (b) [Types in Herb. Kunming Inst. Bot. Acad. Sin. conservatur (HKAS)].